TARC

TITUSVILLE AMATEUR RADIO CLUB

March, 1993

NEWSLETTER

OFFICERS

President: Bud Hughes K4CWG 269-0779 Secretary: Jerry Russell KC4UFI 267-2157
VicePresident: Cliff Hoag KC4SYD 267-7030 Treasurer: Clyde Lee K4EOS 267-9375

PRESIDENT'S CORNER
By Bud Hughes K4CWG

Hope everyone enjoyed the Orlando Hamfest. It was sure nice to listen to the gang talk about all the bargains they passed up in Orlando.

The fox hunt is coming up. Hope the fox outwits the hunters - - - cause I is the fox!

I want to apologize to Becky for holding her computer hostage, and causing the Newsletter to be late.

We are very fortunate to have a graduating class of 35+. Congratulations to the class and welcome to the amateur fraternity.

Our membership contuinues to grow and I am grateful to be a part of this group.

See you at the meeting . . . . . .bring a friend. 73's

MEMBERSHIP UPDATE
By Clyde Lee K4EOS

We now have 213 members on the roster. We even have a member in Clovis, NM. Robert Cabiness requested a test session while visiting relatives in Cocoa, and joined our club. This month we have signed on 12 new members, and we have 18 renewals. We look forward to getting acquainted with the new members, who are:

KD4HHG Dan Haggard David Campbell
N1OGE Joseph Bonardi Joe Jordan
Howard McNitt Charles & Shirley Fagel
William Beach Jimmie Prevatt
Charlie Prosser George Southwell
N5YYR Robert Cabiness.

The following are renewals:
N4AWK & KC4WZA Brian & Janet Van Alstine
WA3EKM and KB4BNL Bruce & Dawn Jacobs
AF4N & KE4EJ Wes & Sandy Whitley
KC4UFI & KD4MIW Jerry & Sharon Russell
KC4UWJ & KC4UWI Rex & Priscilla Stanley
WB4CCB Don Joerger KD4LDR Bill Dimeo
KD4LGI Michael Jacobson WA2MIK Tony Gerbino
KC4TE Gene Mann KC4WKV Buck Thorne
N4WIN Walt Foster John Lowe

EDITOR'S DESK
By: Clyde Lee K4EOS

Well, the blank page in last month's newsletter did not promote the receipt of any more club news from the members, so we'll do the best we can. I still think we have some interesting stories out there.

When the big storm came through on the 13th, most of us were very lucky. I only lost one leg of my 80 meter dipole and the ringo has a 20 deg. list to the east! ..Continued on page 2

Editors Desk - - -cont'd from page 1
The side of my lawn tractor shed went east. Other local club members having damage were:

WB4SIG-Dave: Partial Roof covering loss.
KO4NQ-Frenchie: Lost the topper off his pickup on the trip back from OARC hamfest. Later the same evening some one ripped off his mobile rig (same vehicle). Some days you just can't win!
KQ4OY-Tom: Had a tower/pole go down.
W4HSY-Cy: Lost his TA33 Beam plus other antennas .
N4ZNQ-Jim: His recently built tri-band quad became a basket case (he and Pauline took it down and are rebuilding it).
KD4JAU-Mickey: Lost 2 antennas

We would like to hear from any other members who sustained storm damage. We will update this in the April issue.

HIKING THE APPALACHIAN TRAIL WITH HAM RADIO
By: Ken KD4HNW

The trail stretches from Georgia to Maine. 2100 miles. It is billed as the world's longest footpath.

People of all ages do this, some alone, some in groups. One little old lady did the entire trail in a year. Average is 5 to 10 miles per day.

The trail goes through 8 national forests and 6 national parks. There are lean-tos for shelter in some spots, but most people carry their own small tent.

A normal pack load can be as much as 1/3 your body weight. If you take too much gear along, the next trip you will trim the load. At night your food needs to be suspended from a tree branch, as bears, racooms, rats, etc. love a free lunch.

I have met several hams along the trail; Andy WB4ZLN and Vern KF6TO are a couple of trail buffs. At the high elevations (as much as 7000 ft.) 2 meter reception is amazing.

ED.NOTE: Ken and friends will present a very informative and interesting program at the April TARC meeting!

Hiking this trail can be hazardous, as shown in the recent storm. Many hikers had to be rescued from the snow and cold. Ham radio could have come in handy in this instance!

A CONTACT WORTH SHARING
By Jose Ramos KC4VIO

Following is a letter and a QSL card from Dirk PA3FMP from The Netherlands. I wish the actual letter could have been reproduced, but the wording and spelling is as in the letter. The QSL card has been reproduced. I hope you enjoy this as much as I did.

Dear Jose,

Thank you for the nice QSL, what an fantastic card, it's an collector's item, hi. Also your info sheets ware very interesting. I hope my QSL is also appreciated, but maybe we meet each other soon again, it should be possible. Only i'm hoping for better propagation, because it was sometimes very difficult by QSB, I think we were a bit early, band was not compleetly open.

I'm 41 years old, married and we have two children, a boy of 8 named Elroy en our daughter is almost 7 years old, her name Nikita.

I'm infected with the Ham virus by my father in law in 1974, but it's took me till 1981 to become an licensed Ham, then I passed the technical exame and became PE1JXK. This call permits me to use VHF and UHF, after the children ware born i've got a bit more time and i got to study for CW and in 1989 i passed the exam for the highest license over here. With this license you may use all bands and all modes with an maxium power of 400 Watt PEP or 100 Watt FM/AM, so you see a bit less then is allowed in your country, but we are living with a lot of people on an small aria, so that shall be the reason. To be honest, i'm using only the 100 watt-pep from my TS680s and i've no feeling to encrease that, luckely no complain anymore from nabour now, but when i was starting i was getting complains abouth phone and RFI interference. At one time i've got a visite for checking my equipment and field strength measuring by the FCC, called RCD (Radio Control Service), but all was ok'e and the nabour ware sent to the import service of their equipment, to let it be repaired. (It was not good immunisated)

Okay, tnx again, hope to meet again. '73
Groetjes Dirk PA3FMP

ED. NOTE: The QSL card is reproduced on page 3. We hope others will share an interesting contact with us.

To Radio: KC4VIO

From

Dirk Hendriks
Kemphaanstraat 35
1911 XA Uitgeest
The Netherlands

Member Dutch H.O. Steelaward

Dear Radiofriend ..... q.s.o.

I had the pleasure to meet you on 23.1.93 / Mhz in 2 mode the date was ..... it was 13.3 / GMT/utc or /your time Your report was R 5, S 1, T ..... There was QRM/QRN/QSB The equipment i was using: ..... Transciever: Kenwood TS 950 Antennesystem: Hy-gain Thunderbird Remarks: Also conversation 2 station on 23.1.93 at 1555 GMT, Klaas Hinze your ..... Received. Looking forward to ..... QSL card. All my regards, 73 de PA3FMP Dirk

TNX / QSL Via R 46 Bureau

PA 3 FMP Amateur Radio

To Amateur Radio Station

KC4VIO

Om/yl Joe A Romeo

Tibasville

Florida

U.S.A.

Via R 46 Abroad

Regio .....

IS "NO BUSINESS" GOOD BUSINESS?

By Bill Blinn, N8POV

The Amateur Radio Communicator-Jan/Feb 1993

NO BUSINESS. That's what the Federal Communications Commission said about Amateur Radio back in 1983. "Since then," says Personal Radio Bureau's (PRB) Management Analyst William Cross, "Amatuers keep asking us to define the word "no."'

That's why an amendment to Part 97 of the Commission's Rules is working its way through the bureaucratic process in Washington. The Commission adopted the rule in June of 1992 and released it for comment on July 2, 1992. Comments were due by October 1, and replies to comments due last December 1. What now? Nobody knows when the rule will become effective. Because FCC Commissioners are appointed by the President, the Commission is understandably in a state of flux. Still, there is little doubt that the proposal will be adopted and put into service - probably during 1993.

The 1993 "no business" rule, according to Cross, makes these kinds of communications illegal:

- Net reports destined for the ARRL's QST magazine.
- Administrative nets for marathons.
- Asking your spouse to stop by the store for some milk on the way home.

.....continued on page 4

"NO BUSINESS" continued from page 3.....
* Having a repeater broadcast a message about the time and location of a pizza party or hamfest.

But listen to Amateur frequencies and you'll hear these kinds of communications regularly. Apparently the ARRL has taken the position that the rules should be modified to match current operating practices.

MAYBE ITS TIME FOR A CHANGE

The FCC received petitions from Michael Reynolds and from Henry Ruh (on behalf of Amateur Television Quarterly magazine). It also received a long letter from the ARRL that was pointedly not called a petition. In the Commission's view, however, the ARRL's letter was a petition and has been treated as such.In fact, the amendment makes extensive use of ARRL recommendations contained in the "letter."

Today Part 97.113 keeps us from "ordering a pizza"(the standard question on VEC tests). It prohibits many activities, some of which are borderline public service activities. The proposed rule continues the current negative wording of the current version. Cross says anything "not specifically prohibited would be permitted." When the proposed rule is adopted, we'll find very few acts forbidden. Some of those that remain verboten are:

* Communications for hire or material compensation, except for the control operator of a station who may be paid for operating the station as part of classroom instruction. The ARRL also continues to insure the operation of W1AW by including language that describes W1AW's operation and allows stations to operate in that manner.
* Communications in which the station licensee or control operator have a pecuniary interest (except for "swap nets," that are specifically permitted).
* Music, communications intended to facilitate a criminal act, codes, ciphers, indecent or profane words, and deceptive messages, signals, or identification.
* Communications on a regular basis that would reasonably be furnished through other radio services.
* Broadcasting or one-way commuinications, newsgathering (except when directly related to the immediate safety of human life or protection of property).
* Re-transmission of signals from any radio station except propagation and weather forecast information originating from U.S. Government stations and communications between NASA's space shuttles and Earth stations (with prior approval).
* Re-transmission of signals from other Amateur Radio operators except for repeaters.

GOOD OR BAD? The amendment says its goal is "not...to inhibit Amateur operators from using the service frequencies in the manner they believe best suited to their purposes." But even the ARRL admits officially that the change could increase the potential for exploitation and abuse of our allocated frequencies.

Some amateurs have said the proposed change is the first step in what they see as another grab by commercial interests for Amateur Radio's frequencies. "This has been a non-commercial service from the beginning," one ham told me. "We're going to change it and, in a few years, somebody at FCC is going to say, 'Thus is no longer the service it once was.' And we'll lose more of our spectrum."

PRB Management Analyst Bill Cross, a ham himself, takes issue with the conspiracy theory - but he is concerned that the changes could be detrimental to Amateur Radio. "This is not a proposal that comes from the Commission," says Cross.

The ARRL likes to point out that Amateur Radio is "self regulating," 14.313 Mhz notwithstanding. Is there any reason to feel that self-regulation will be any better when it comes to deciding indivudually what's permitted and what's not?

WHAT MIGHT BE ALLOWED. Let's say you and a group of your ham friends are members of the same political party. At election time you'd like to help get out the vote. One person will remain at party headquarters to take radio calls from people who need a ride to the polls. The rest of you will pick people up, take them to vote, and return them to their homes.

Today that would flatly be illegal. Cross says there couldn't be much argument that such an activity would be a "public service." The beneficiary would be the political party, so the activity would be prohibited. Under the proposed regulation, it might be permitted - depending on your, and the FCC's interpretation of the term "regular basis. "The only exception would be, according to Cross, "If the driver is a taxi driver working for hire."

The ARRL describes "regular basis" in terms of the Rose Bowl Parade. Even though it's an annual event, the Rose Bowl Parade by definition is "not on a regular basis," but leaves events that occur weekly, monthly, or quarterly open to an indivudual Amateur's interpretation.

.....continued on page 5

"NO BUSINESS" continued from page 4.....
COMMENTS ARE MIXED. FCC officials say the comments received to date have been "Mixed." Some Amateurs are concerned that the guidelines are so broad that nothing would be prohibited. The result they say, would be a radical and unwanted change in the Amateur Service that would displace personal communications.
Others say "public service" is very broad and Amateurs should be permitted to use the allocated frequencies for anything that has the potential for good.
Many of the comments ask for more precise definitions and guidelines. The ARRL went so far as to ask the FCC to make two lists: 1) allowed and 2)prohibited. But Cross says "I'm not sure we have the insight to do that. Instead of saying one group is alright and another one isn't, our solution in 1983 was "no business."
"What the rule comes down to," says Cross, is that "every Amateur must decide what's right and what's wrong." And the time to decide is now. The changes are coming, so we need to determine how we'll handle our new privileges, and whether business on the air is good business for Amateur Radio.

****

THE FOLLOWING WAS RETREIVED FROM A PACKET BBS:

To: All the media "experts" who have now pronounced celphones as being politically uncorrect.
FROM: Concerned Radio and Phone Operators Logging Airtime
RE: New Radio Dangers Study

The results of a recent study involving the hazards of radio emissions has just been released by an organization calling themselves the Concerned Radio and Phone Operators Logging Airtime (CRAPOLA). "The research effort shows strong evidence that goes some distance toward offsetting the recent allegations that users of celphones and other radios, are risking their health," said Dr. Toro B. Slinger who heads the research arm of the group. Among the conclusions of the study are the following:

CELPHONE USAGE: Celphones have been in use for roughly seven years. Cancer has been with mankind 7,457 years. That leaves only 7,450 years unaccounted for.

RADIO USAGE - HEALTH ADVANTAGES: While the jury is still out on the use of radio, the following evidence supports its health benefits:

*General Custer found that NOT having/using a radio could be damaging to the health.
*Amelia Earhart decided the radio antenna caused too much drag to her airplane and cut it off.
*Commanders at Pearl Harbor chose to ignore radar reports of incoming planes.
*A ship close to the Titanic closed its radio room minutes before the liner sent its distress signals.
*Louis XVI and Marie Antoinette might have found radio reports of revolutionary activities useful.
*Nathan Hale would likely have preferred to deliver his report via celphone.

EXTENDED RADIO FREQUENCY EXPOSURE: Longwave and medium wave emissions have been with us for nearly a century. The CRAPOLA founder spent 16 years in the broadcast industry and came to the following conclusions:
*Broadcast Engineers show no defineable or repetitive health traits, other than steadily becoming more ornery and critical of music, disc jockeys, news reporters and station managment as time goes on. After 45 years on the job, one broadcast engineer says he blames getting old on repeated expousre to RF.
*As to the more recent uses of short wave and microwave emissions, the study finds that microwaves can have an adverse effect when repeatedly applied to leftover pizza or a wet cat.

SECONDARY HEALTH HAZARDS: One celphone user cited a need for penicillin after making several calls to a "dating service."

ALTERNATIVES TO RADIO: In light of ongoing health concerns, here is a release of CRAPOLA on communications alternatives:
*DRUMS - Advantages: Energy efficient, no antenna needed. Disadvantages: Short range, difficult to use when driving.
*SMOKE SIGNALS - Advantages: Uses renewable fuels. Disadvantages: Windy days, not practical on space flights.
*SEMAPHORE FLAGS - Advantages: U.S. manufacturers could gain lead in making flags for world market. Disadvantages: Shortage of Boy Scouts to operate apparatus.
*MAIL SERVICE - Advantages: Renewed interest in U.S. Postal Service. Disadvantage: The U.S. Postal Service.
*TELEGRAMS - Advantages: Renewal of dying
.....Continued on page 6

Continued from page 5.....
industry. Disadvantages: Poor singing and the adage that only bad news arrives via telegram.
*MESSENGER - Advantages: None. Disadvantages: It was messengers that wanted the other means invented. Remember what always happened to the messenger who delivered bad news? Talk about health hazards! Further releases of CRAPOLA on this continuing study will be dispatched in the near future.

TARC CLASS RESULTS
By Jose KC4VIO

Thirty-six students successfully completed the 10 week no-code Technician Class license course presented by our club. Several students also studied the code under the watchful eyes of Elmers as an out of class activity. Five students earned the Tech Plus license and one passed the 13 words per minute code exam, as well as the General theory. All graduates are now anxiously awaiting their licenses.
Presentation of this class was a combined effort by many club members who volunteered to teach specific area of the curriculum. Additionally, other members assisted in the logistical support of the class as well as in the two testing sesions which were held.
The efforts of club members are an indication of both the talents available within our organization and the member's willingness to share their knowledge with others. This is a good example of how community service objectives are met.
My sincere thanks to everyone who suported us in the presentation of the TARC radio amateur class for this year. We could not have done it without you!

MINUTES OF THE FEBRUARY MEETING
By KC4UFI Jerry Russell, Secretary

Meeting called to order by Bud K4CWG Pledge to the flag and moment of silence for Silent Keys. Noted absent officer, VP Cliff Hoag, KC4SYD. New members were voted in.
Dennis Decker, WARNING COORDINATOR Meteorologist, Melbourn, FL informed us that Feb. 22-26 is FLORIDA HAZARDOUS AWARENESS WEEK. He gave a very interesting talk and film on severe weather and handed out cards with reporting information for Hams to use to report severe weather conditions.
Brian, N4AWX announced he has tickets available to the Orlando Hamfest. Vince Gongalez KK4SH volunteered as Field day chairman. Wes AF4N and Tom KQ4OY agreed to help Vince.
Bud asked the Membership for a volunteer for the TARC Hamfest/tailgate. No one accepted. He also asked for a volunteer to represent TARC at the RACES meetings. Michael KB2MLY accepted
Bud asked everyone to write their elected reps to protest the increase in incorporation from $65 to $200. A straw vote was in favor of remaining incorporated. Another vote on a possible dues increase was also voted in favor. A hat was passed and $289 was collected after an offer from the floor was made to take up a collection to off set the $200 fee due this year. A motion was made and passed to donate all over $200 to the Jaycees as a token of TARC's appreciation for the use of the building.
Jose KC4VIO reported on the training class. Carole KC4VIN donated $21.50 to TARC for the repeater fund.

RACES COUNCIL MINUTES - 2/9/93
By: E. Baldini, K4RBD, Secretary

Present: Sec., EM, TO, PCARS, LISATS, IRARC, HARC, SBARC, BPG, MARS
Absent: V.P., TARC
PCARS was not prepared to finalize their Molex info for the Council. EC advised the Hurricane exercise is planned for late May, early June, and that there are no plans for a State-wide RACES badge. Members were reminded there will be a purge of the membership rolls of all members who have not contacted, or participated in, RACES since June, 1992.
TO reported last training session had 22 in attendance. Subject was Message Handling and NTS, and was conducted by WB4WYG. Fourth session is on Equipment, and last session is on Interpersonal Relationships: RACES and Others, Persons attending all 5 sessions will receive certification. A FEMA course by the RACESs Training Officer, on Emergency Management, will begin in April.
No final decision was made on LITZ alert tones usage.
Past ideas were reviewed: 1. Decals, 2. RACES only training exercise, 3. Incorporation. No action taken on decals and training exercise. Club reps agreed to discuss funding of Council's incorporation with their clubs. Assistant RO Anderson, W4PRK, advised he definitely would proceed with the 911 autopatch on the RACES repeater.
MARS rep advised letter to EM from MARS Director re the MARS rep, alternate rep, and mailing address was in work by new Director.

24 were in attendance.

TREASURER'S REPORT - YEAR TO DATE - K4EOS

Transferred from old acct.	977.82
DEPOSITS: 50/50,ARRL,dues,donations, loan,stu.fees,Xmas pty.	2444.75
TOTAL INCOME	3422.57
EXPENSES: ARRL.bnk.chgs,Bud loan. gifts,Ins. Off.supp,POBox, postage,printing,stu.bks, tel, Xmas pty.,Exam.fees	1629.10
BALANCE AS AT 03/17/93	1793.47
Bud's loan bal.as at 12/31/92	2333.00
Paid through 3/17/93	321.50
BALANCE DUE BUD	2011.50

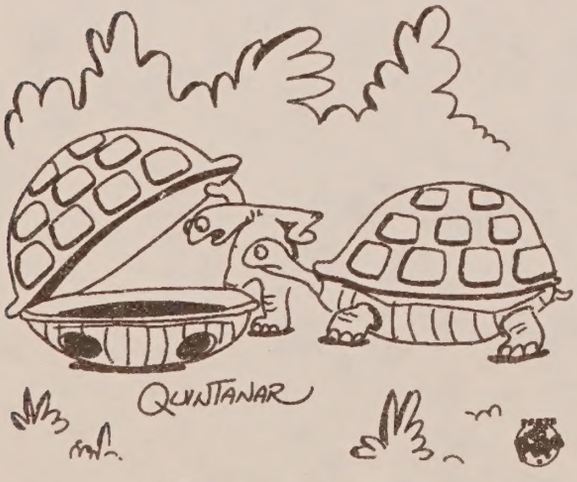
SAREX UPDATE - MORE HAMS TO FLY
(Shuttle Amateur Radio Experiment)

STS-55, Space Shuttle Columbia, welcomes aboard their fifth Amateur Radio-licensed crew member. Charlie Precourt, Mission Specialist, just received call letters KB5YSQ. Originally set for launch Feb. 25, STS-55 has been delayed for a mid-March launch.

Steve Oswald, STS-56 Space Shuttle Discovery Pilot, also recently passed his Amateur Radio exam and received call letters KB5YSR. This makes the second all-ham crew in history. The first occurred with Ken Cameron's STS-37 flight in April, 1991. Ken will be commanding STS-56.

No word has been given regarding new launch dates for STS-56 and STS-57. We will bring you further details as we receive them.

For general information on SAREX, and how you might become involved, please contact the ARRL Educational Activities Department. The address is 225 Main Street, Newington, CT 06111



"It won't start."

MORE JOKES FROM PARTS PUPS

BETCHA DIDN'T KNOW . . .
...the best thing to do with lumpy gravy is to serve it on lumpy mashed potatoes.
...very few of us drown in our own sweat.
...nobody likes a crooked lawyer until they need one.
...don't die before you're dead.
...you're an old timer if you eat radio dinners.
...without fools, nothing would need to be foolproofed.
...don't mistake answers that sound good for good, sound answers.
...you should do it to others as you would have them do it to you.

BOSS: "Why aren't you busy?"
WORKER: "I didn't see you coming."

"How many people work here?"
"About half."

"I nearly ran over a pedestrian a few minutes ago and I think he was from Miami."
"How do you know he was from Miami?"
"Well, when he reached the sidewalk, I heard him say something about the sun and the beach."

RULES FOR LIVING
#1: Don't sweat the small stuff.
#2: It's all small stuff.

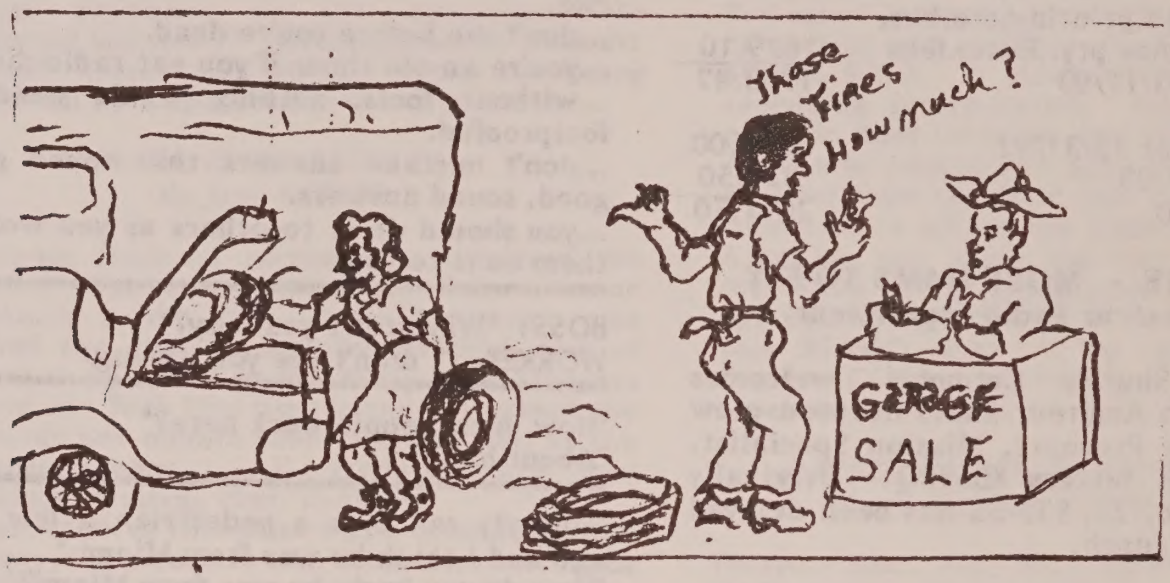
FIRED UP
One day a janitor at a large office building was found to be illiterate and was fired. Jobless, the man invested his meager savings in a tiny tobacco shop. The shop grew, the ex-janitor bought another, expanded, and ended up with a chain of tobacco shops worth severl hundred thousand dollars.
One day the man's banker said, "You've done well for an illiterate, but just think where you'd be if you could read and write."
"Well", replied the man, "I'd still be a janitor at a large office building."

"I'm looking for someone to lend me ten dollars."
"Well, you've got a nice day for it."

Man: "I'm in a hurry. Will the pancakes be long?"
Waiter: "No sir. They'll be round."

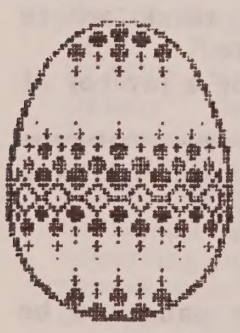
"Dad, I'm in love with a girl."
"Son, you couldn't have made a better choice."

IF YOU CAN'T SEE THE HUMOR IN DAVE'S CARTOON BELOW, IT'S BECAUSE YOU DON'T KNOW THE STORY BEHIND IT. THE MAN TRYING TO BUY THE TIRES IS SUPPOSED TO BE BUD. ANYWAY, IF YOU HAVEN'T HEARD THE STORY, BE SURE TO ASK BUD TO TELL IT TO YOU.



TITUSVILLE AMATEUR RADIO CLUB
P.O.BOX 73
TITUSVILLE FL 32781

HAPPY



EASTER